



Disassembling Dell Vostro V13

A complete guide on how to remove/replace any part on a Dell Vostro V13

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INTRODUCTION

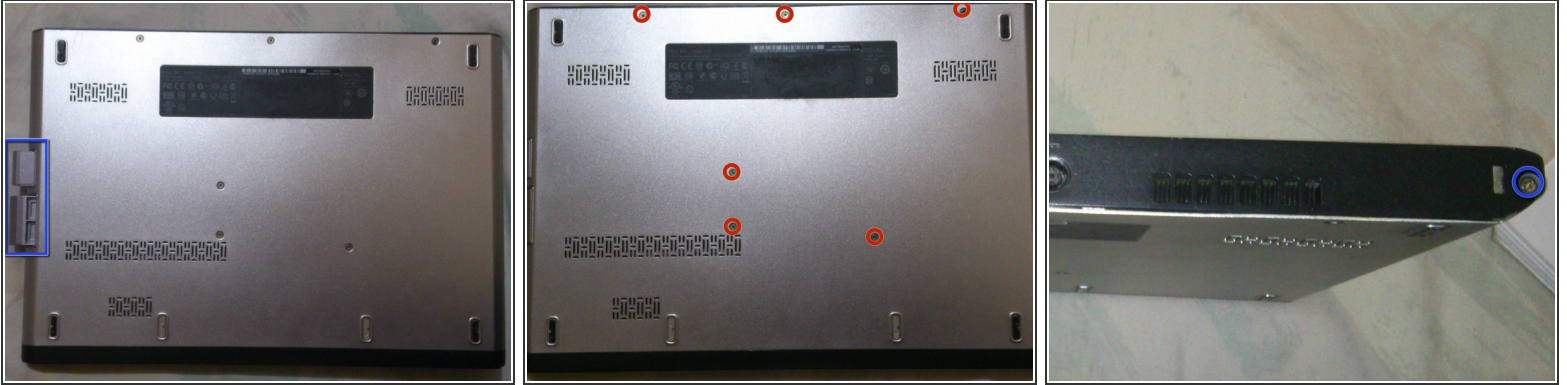
Shows how to remove/replace any part on a Dell Vostro V13 laptop.



TOOLS:

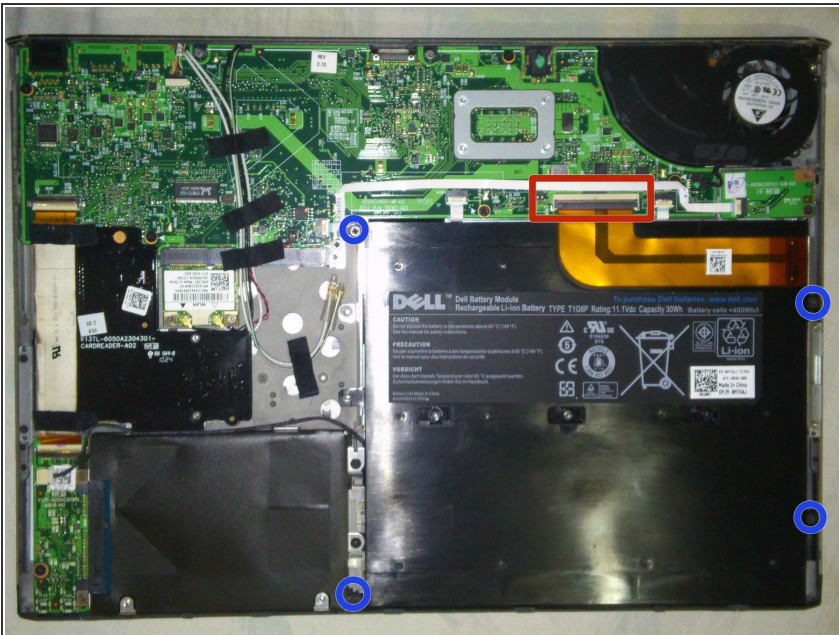
- [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Disassembling any part from hard drive to motherboard



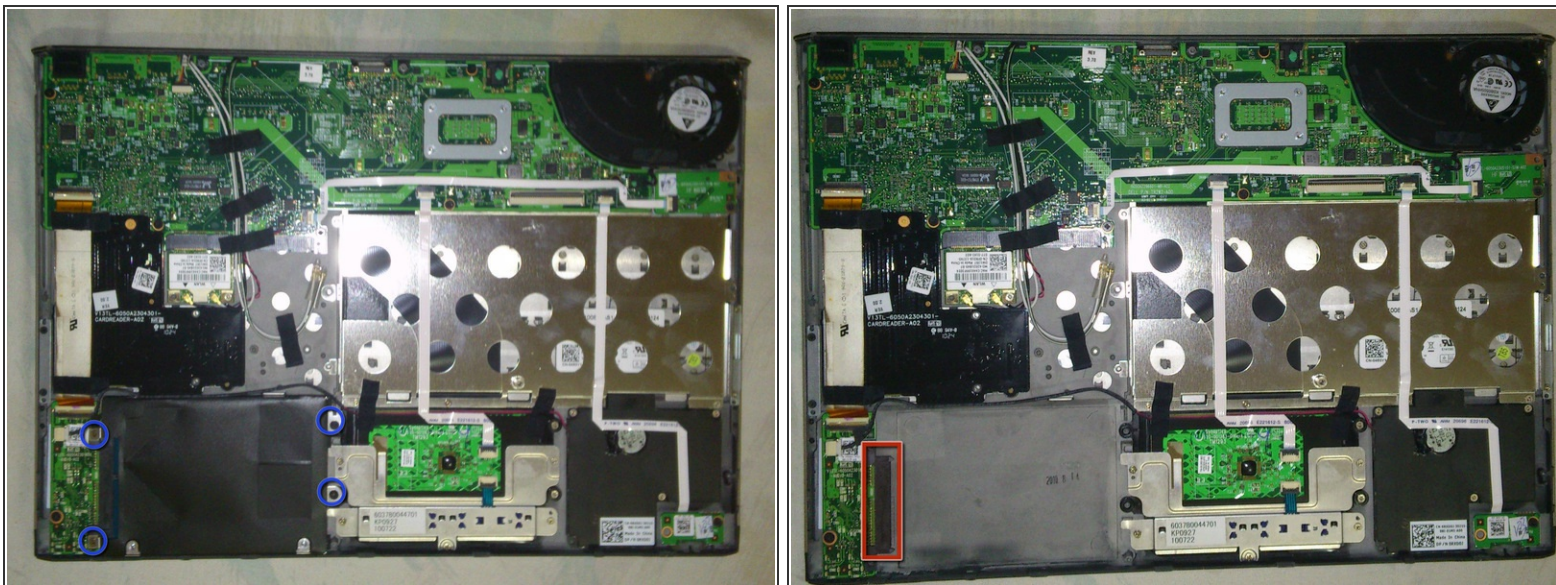
- Remove the two (2) dummy cards from the laptop.
- Using a Phillips head screwdriver, unscrew the six (6) screws from the bottom of the laptop.
- Unscrew the two (2) screws from the back of the laptop, located at the extreme left and right of the back panel.
- Slide bottom cover forward and lift upwards to remove. You may need to use a strong spudger to force a gap along the base edge from the ethernet port on the right, to the kensington port on the left.

Step 2



- Unscrew the four (4) screws from the battery.
- Carefully remove the battery connector. It is a ribbon cable that is clamped down. Flick the black clamp up using the edge nearest the battery. The ribbon cable is now free to move for the next step.
- Lift the battery upwards, to remove.

Step 3



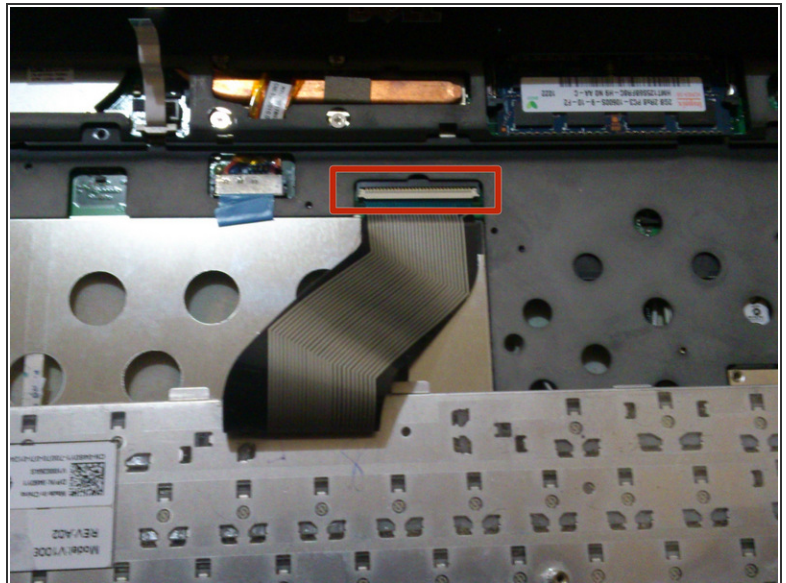
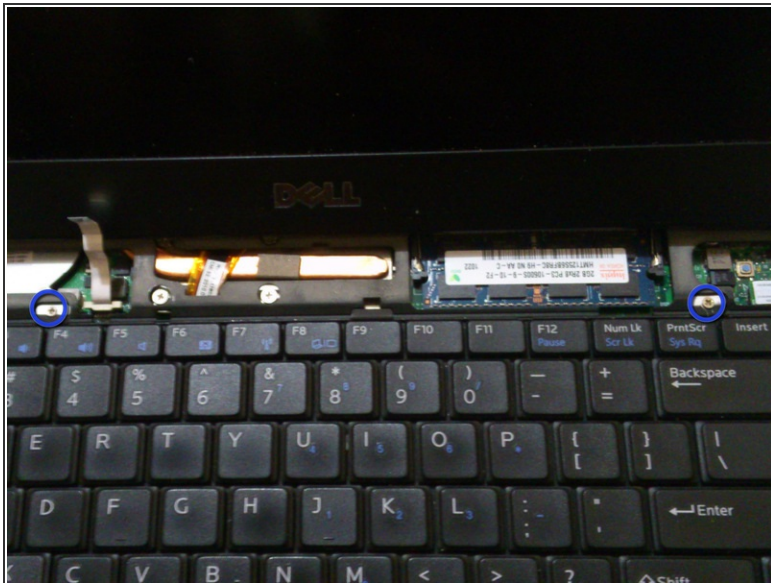
- Unscrew the four (4) screws from the hard drive enclosure.
 - Gently lift the hard drive at a small angle upwards and slide backwards to remove.
- ⚠ To avoid damaging the port, GENTLY lift the hard drive at a SMALL angle upward, when removing it!

Step 4



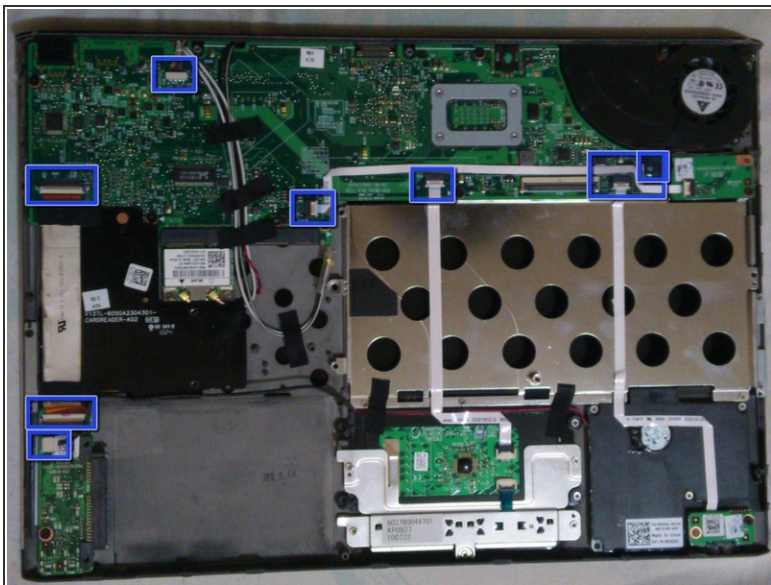
- Using a plastic opening tool, pry open the top panel, with the power switch, starting with the right bottom edge closer to the keyboard.
 - Unclip and remove the ribbon from the panel.
- ⚠ Always be careful when removing ribbons! Try not to unnecessarily bend them and pull them with excess force!

Step 5



- Unscrew the two (2) screws from the keyboard.
- Gently lift the keyboard upwards and push towards the screen to remove.
- Remove the ribbon from the board.

Step 6

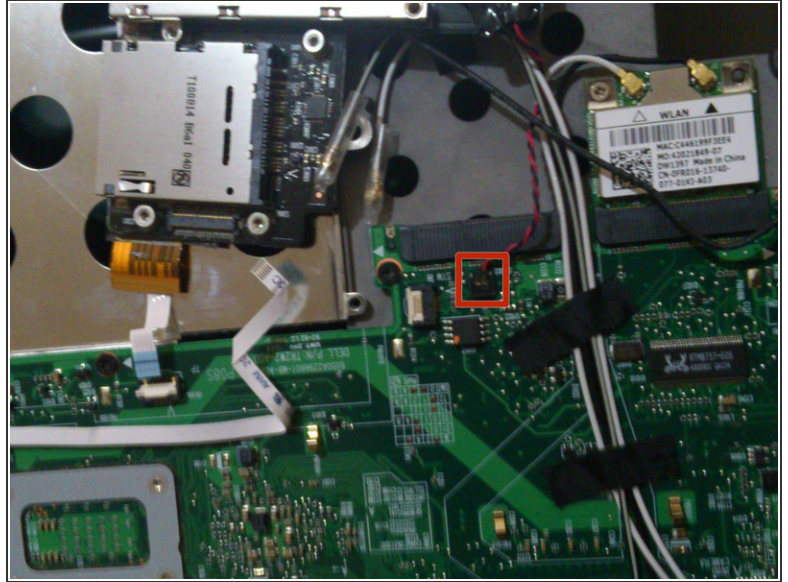
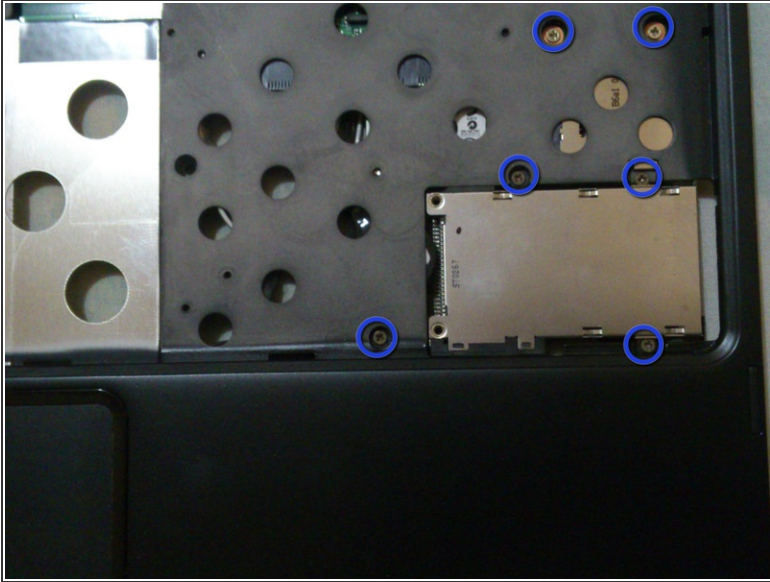


- Remove all the ribbons from the board.

⚠ Always be careful when removing ribbons! Try not to unnecessarily bend them and pull them with excess force!

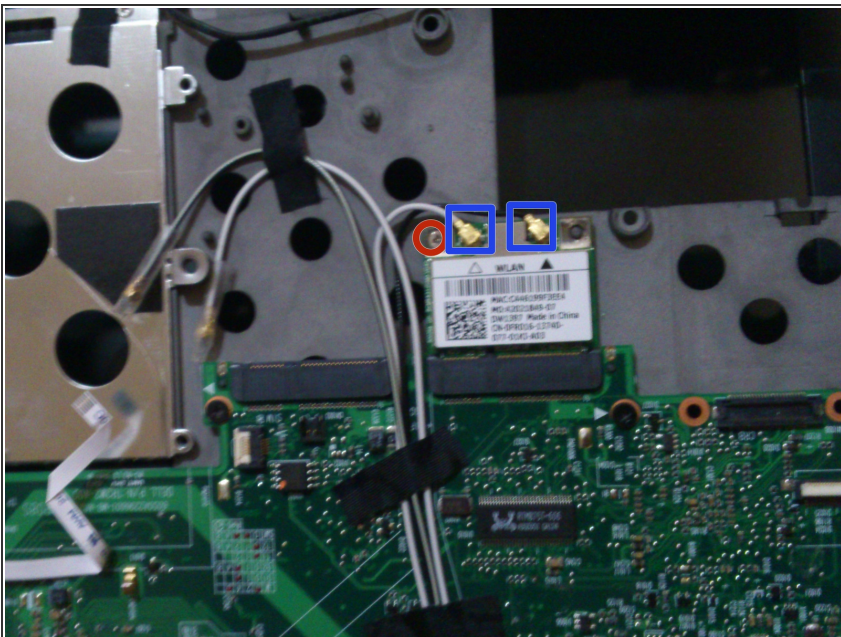
- Unscrew the one (1) screw from the audio card and lift upward to remove.

Step 7



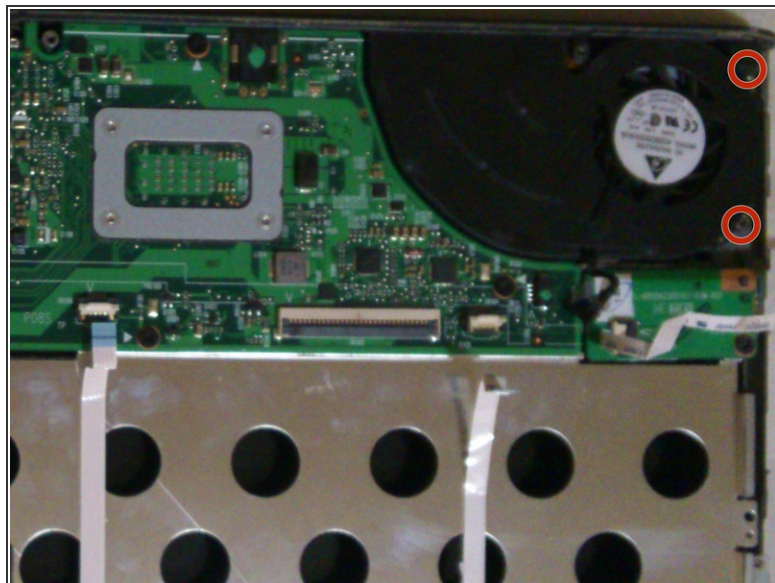
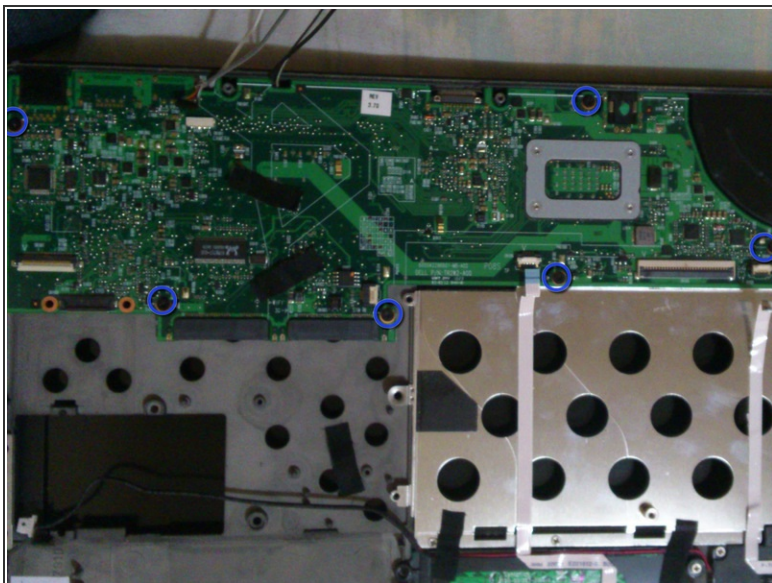
- Unscrew the six (6) screws from the memory card reader.
- ❗ Make sure that a hand is placed underneath to hold the memory card reader while unscrewing, so it would not fall.
- Remove the cable from the CMOS battery.

Step 8



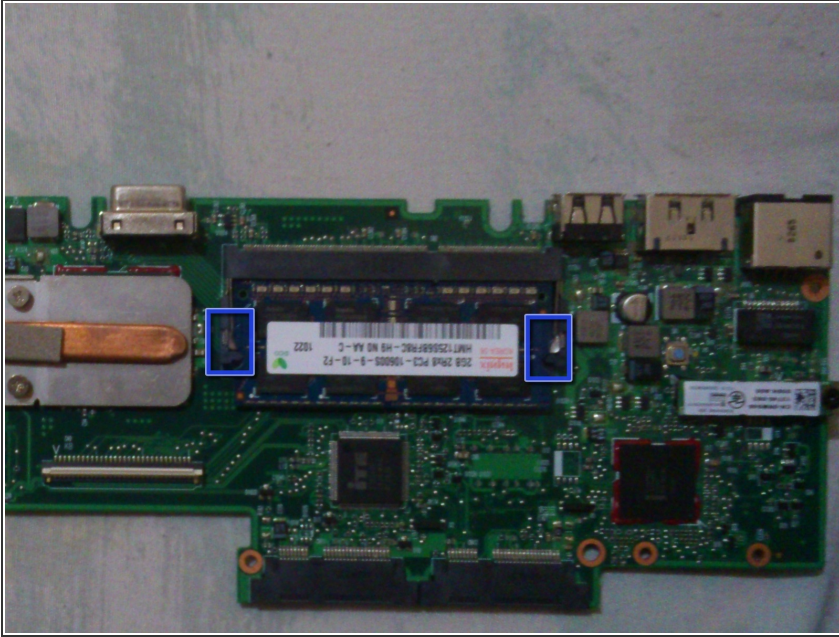
- Using a small plastic opening tool, gently lift and remove the two (2) antenna cables from the wireless card.
- Unscrew the one (1) screw.
- ❗ The wireless card should pop up.
- Gently slide the card forward to remove.

Step 9



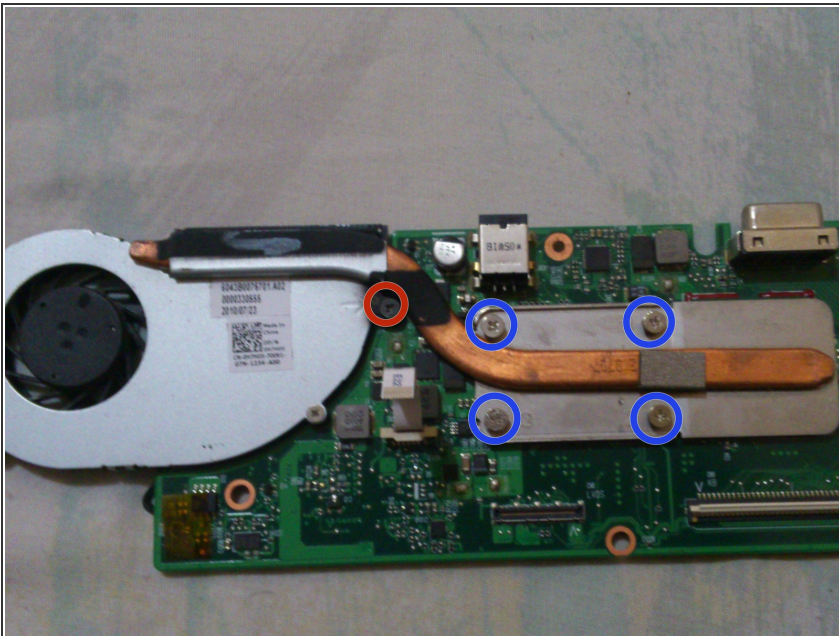
- Unscrew the six (6) screws from the motherboard.
 - Unscrew the two (2) screws from the fan.
 - Gently lift the motherboard upward and then slide forward to remove.
- ⚠ Be extremely careful with the motherboard! Damage to any of the components on it would cause the laptop to malfunction!

Step 10



- Press the two (2) metal clips on the side.
- ⓘ The RAM will pop up.
- Pull forward to remove.

Step 11



- Unscrew the four (4) screws from the heat sink.
- Unscrew the one (1) screw from the fan.
- Pull the heat sink with the fan upward to remove.

To reassemble your device, follow these instructions in reverse order.

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